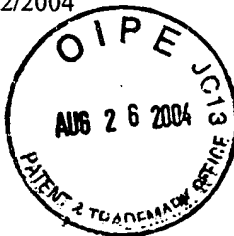


8/27/04 IFW
UNITED STATES PATENT AND TRADEMARK OFFICEUNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/777,893	02/12/2004	John Rush	CST-201 CIP

James Gregory Cullem, Esq.
Intellectual Property Counsel
CELL SIGNALING TECHNOLOGY, INC.
166B Cummings Center
Beverly, MA 01915

CONFIRMATION NO. 6794

FORMALITIES LETTER



OC000000012849187

Date Mailed: 06/03/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:
Hui Zhang, Xiangming Zha, Michael J. Comb
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

08/30/2004 BSAYAS11 00000007 501774 10777893

01 FC:2051

65.00 0P

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

- \$65 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

Z. Krupa

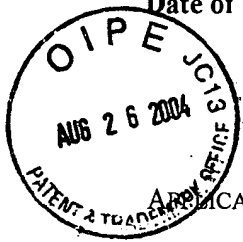
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Express Mail Label No. EU169119634US
Date of Deposit: August 26, 2004

Attorney Docket No. CST-201 CIP
PAIR Registration No.: 31012



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rush *et al.*
ASSIGNEE: CELL SIGNALING TECHNOLOGY, INC.
SERIAL NUMBER: 10/777,893 EXAMINER: Not yet assigned
FILING DATE: February 12, 2004 ART UNIT: 1646
FOR: IMMUNOAFFINITY ISOLATION OF MODIFIED PEPTIDES FROM
COMPLEX MIXTURES

August 26, 2004
Beverly, Massachusetts

Mail Stop Missing Parts
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attached hereto for filing in the above-identified patent application are the following:

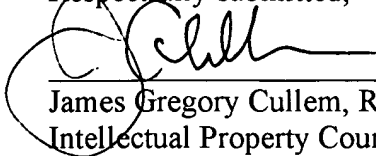
- ☒ Transmittal Letter (w/duplicate) (4 pgs.);
- ☒ Response to Notice to File Missing Parts of Nonprovisional Application (2 pgs.);
- ☒ Petition for Extension of Time (w/duplicate) (2 pgs.);
- ☒ Copy of previously filed Combined Declaration and Power of Attorney with missing (new) signatures (4 pages);
- ☒ Check number 038549 in the amount of \$65.00 USD;
- ☒ Copy of Notice to File Missing Parts of Nonprovisional Application (2 pages);
- ☒ Submission of Sequence Listing (2 pgs.);
- ☒ Paper Copy of Sequence Listing (55 pgs.);
- ☒ Electronic Copy of Sequence Listing (1 disk);
- ☒ Preliminary Amendment (8 pgs.); and
- ☒ Return Postcard.

Applicants believe no further fees are due in connection with the present filing. However, the Commissioner is hereby authorized to charge any additional fees due, or credit any overpayment of same, to Deposit Account No. 50-1774, Ref. No. CST-201 CIP.

APPLICANTS: **Rush et al.**
U.S.S.N.: **10/777,893**

If the enclosed papers are incomplete, the Examiner/mail room is requested to contact the undersigned at the telephone number provided.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. Cullem", is written over a horizontal line.

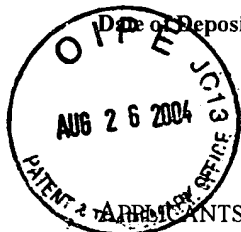
James Gregory Cullem, Reg. No. 43,569
Intellectual Property Counsel
CELL SIGNALING TECHNOLOGY, INC.
166B Cummings Center
Beverly, MA 01969
Tel: (978) 867-2311

Dated: August 26, 2004

Express Mail Label No.: EU169119634US

Date of Deposit: August 26, 2004

Attorney Docket No. CST-201 CIP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rush *et al.*
ASSIGNEE: CELL SIGNALING TECHNOLOGY, INC.
SERIAL NUMBER: 10/777,893 EXAMINER: Not yet assigned
FILING DATE: February 12, 2004 ART UNIT: 1646
FOR: IMMUNOAFFINITY ISOLATION OF MODIFIED PEPTIDES
FROM COMPLEX MIXTURES

August 26, 2004
Beverly, Massachusetts

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

This paper is in response to the June 3, 2004 Notice to File Missing Parts of Nonprovisional Application received in the above-identified patent application. A Petition for a one (1) month extension of time is enclosed herewith. With the extension, these documents are due on or before September 3, 2004.

In response to the requirements set out in the Notice, Applicants submit herewith:

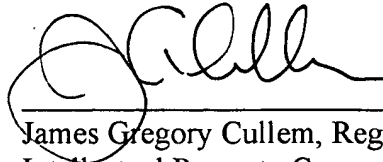
- (1) a copy of the previously-filed Combined Declaration and Power of Attorney containing an original signature page for inventors Michael Comb, Hui Zhang and Xiangming Zha attached thereto;
- (2) a check in the amount of \$65.00 for the late declaration surcharge (small entity) under 37 C.F.R. §1.16(e); 37 C.F.R. §1.53(f)(2);
- (3) a Submission of Sequence Listing together with a paper copy and disc copy of the sequence listing;
- (4) a Preliminary Amendment directing entry of the Sequence Listing into the present application; and
- (5) a copy of the Notice to File Missing Parts.

USSN 10/777,893

Inventors: Rush et al.

The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-1174, Reference No. CST-201 CIP.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Cullem', is written over a horizontal line.

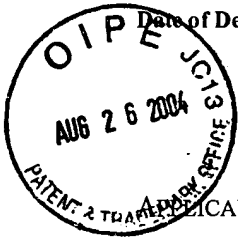
James Gregory Cullem, Reg. No. 43,569
Intellectual Property Counsel
CELL SIGNALING TECHNOLOGY, INC.
166B Cumming Center
Beverly, MA 01915
(978) 867-2311

Date: August 26, 2004

Express Mail Label No.: EU169119634US

Date of Deposit: August 26, 2004

Attorney Docket No. CST-201 CIP



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rush *et al.*
ASSIGNEE: CELL SIGNALING TECHNOLOGY, INC.
SERIAL NUMBER: 10/777,893 EXAMINER: Not yet assigned
FILING DATE: February 12, 2004 ART UNIT: 1646
FOR: IMMUNOAFFINITY ISOLATION OF MODIFIED PEPTIDES
FROM COMPLEX MIXTURES

August 26, 2004
Beverly, Massachusetts

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUBMISSION OF PAPER COPY AND/OR COMPUTER-READABLE COPY OF
SEQUENCE LISTING FOR INVENTION CONTAINING NUCLEOTIDE AND/OR
AMINO ACID SEQUENCE**

1. ☒ This paper is in response to the Patent Office letter dated June 3, 2004.

☒ A copy of the Patent Office letter is enclosed.

Note: If these papers are filed before the Patent Office letter is mailed, the adequate identification of the original papers should be made, e.g., in addition to the name of the inventor and title of the invention, the filing date on the Express Mail Label, the USSN from the return postcard or the attorney's docket number must be added.

☒ This paper is in compliance with the requirements for patent applications containing nucleotide sequences and/or amino acid sequence disclosures.

2. Submitted herewith are:

☒ A Preliminary Amendment directing entry of the Sequence Listing into the specification (8 pages);

☒ a paper copy of the Sequence Listing for the above-identified patent application with each sequence assigned a separate identifier (55 pages); and

☒ a copy of the Sequence Listing in computer-readable form for the above-identified patent application (1 disk).

3. Statement:

I hereby state that: *(complete applicable items -- A, B and/or C)*

- A. ☒ The content of the paper and computer-readable copies of the Sequence Listing submitted herewith are the same.
- B. ☐ The content of the computer-readable copy of the Sequence Listing submitted herewith is the same as the Sequence Listing appearing at the end of the originally-filed specification.
- C. ☒ This submission includes no new matter.

Applicants believe that no fee is required for the filing of the present submission. However, the Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment, to Deposit Account No. 50-1774, Ref. No. CST-201 CIP.

Respectfully submitted,



James Gregory Cullem, Reg. No. 43,569
Intellectual Property Counsel
CELL SIGNALING TECHNOLOGY, INC.
166B Cummings Center
Beverly, MA 01915
(978) 867-2311

Date: August 26, 2004